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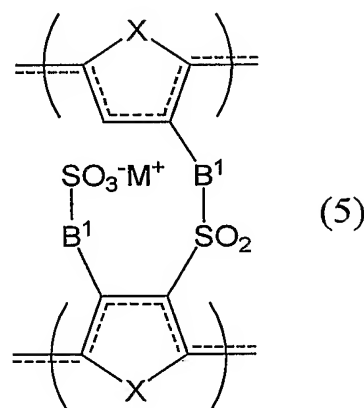
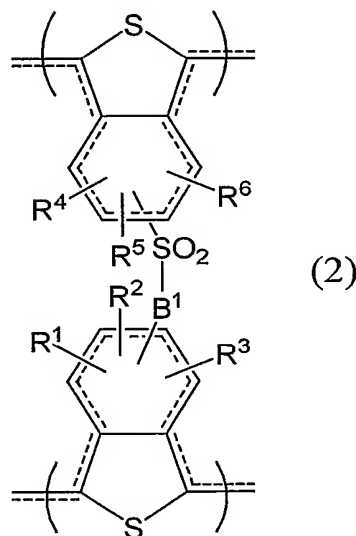
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[Continued on next page]

(54) Title: CROSSLINKED SELF-DOPING TYPE ELECTRICALLY CONDUCTING POLYMER, PRODUCTION PROCESS THEREOF, PRODUCT COATED WITH THE POLYMER AND ELECTRONIC DEVICE



(57) Abstract: The invention relates to a self-doping type electrically conducting polymer comprising an isothianaphthene or thio-phenene skeleton where the polymer chains are crosslinked preferably through a sulfone bond, as represented by formula (2) or (5) below, which is imparted with water resistance and solvent resistance; a production process thereof; an electrically conducting composition film obtained by coating a composition containing the self-doping type electrically conducting polymer on a substrate and heating it; a product coated using the composition; and an electronic device containing the self-doping type electrically conducting polymer: (wherein the symbols are as described in the specification).



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
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